

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 11669.136USU1	Application Number: 10/759,731
	Applicant: BOND	
	Filing Date: JANUARY 16, 2004	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,965,371	Oct. 12, 1999	Marasco et al.	435	7.1	May 9, 1995
	2005/0119455 A1	Jun. 2, 2005	Fuh et al.	530	328	Sep. 9, 2004
	2005/0266000 A1	Dec. 1, 2005	Bond et al.	424	143.1	Apr. 8, 2005
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
			Baca et al., 1997, <i>The Journal of Biological Chemistry</i> , 272(16):10678-10684 "Antibody Humanization Using Monovalent Phage Display"			
			Barbas III et al., 1991, <i>Proc. Natl. Acad. Sci. USA</i> , 88:7978-7982 "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site"			
			Barbas III et al., 1992, <i>Proc. Natl. Acad. Sci. USA</i> , 89:4457-4461 "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem"			
			Bassing et al., 2002, <i>Cell</i> , 109:S45-S55 "The Mechanism and Regulation of Chromosomal V(D)J Recombination"			
			Bendig, M., 1995, <i>METHODS: A Companion to Methods in Enzymology</i> , 8:83-93 "Humanization of Rodent Monoclonal Antibodies by CDR Grafting"			
			Casset et al., 2003, <i>Biochemical and Biophysical Research Communications</i> , 307:198-205 "A peptide mimetic of an anti-CD4 monoclonal antibody by rational design"			
			Chothia, C. and Lesk, 1987, <i>J. Mol. Biol.</i> , 196:901-917 "Canonical Structures for the Hypervariable Regions of Immunoglobulins"			
			Chothia et al, 1992, <i>J. Mol. Biol.</i> , 227:799-817 "Structural Repertoire of the Human V _H Segments"			
			De Pascalis et al., 2002, <i>The Journal of Immunology</i> , 169:3076-3084 "Grafting of "Abbreviated" Complementarity-Determining Regions Containing Specificity-Determining Residues Essential for Ligand Contact to Engineer a Less Immunogenic Humanized Monoclonal Antibody"			
			Fuh, G., 2007, <i>Expert Opin. Biol. Ther.</i> , 7(1):73-87 "Synthetic antibodies as therapeutics"			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)

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		Glockshuber et al., 1991, <i>Biochemistry</i> , 30(12):3049-3054 "Mapping and Modification of an Antibody Hapten Binding Site: A Site-Directed Mutagenesis Study of McPC603"
		Holm et al., 2007, <i>Molecular Immunology</i> , 44:1075-1084 "Functional mapping and single chain construction of the anti-cytokeratin 8 monoclonal antibody TSI"
		Huflon et al., 1999, <i>Journal of Immunological Methods</i> , 231:39-51 "Phage display of cDNA repertoires: the pVI display system and its applications for the selection of immunogenic ligands"
		Hurle, M. and Gross, 1994, <i>Current Opinion in Biotechnology</i> , 5:428-433 "Protein engineering techniques for antibody humanization"
		Kabat, E., 1982, <i>Pharmacological Reviews</i> , 34(1):23-38 "Antibody Diversity Versus Antibody Complementarity"
		Kabat et al., 1977, <i>The Journal of Biological Chemistry</i> , 252(19):6609-6616 "Unusual Distributions of Amino Acids in Complementarity-determining (Hypervariable) Segments of Heavy and Light Chains of Immunoglobulins and Their Possible Roles in Specificity of Antibody-combining Sites"
		Kelley et al., 1992, <i>Biochemistry</i> , 31(24):5434-5441 "Antigen Binding Thermodynamics and Antiproliferative Effects of Chimeric and Humanized anti-p185 ^{HER2} Antibody Fab Fragments"
		Marks et al., 1991, <i>J. Mol. Biol.</i> , 222:581-597 "By-passing Immunization - Human Antibodies from V-gene Libraries Displayed on Phage"
		MacCallum et al., 1996, <i>J. Mol. Biol.</i> , 262:732-745 "Antibody-antigen Interactions: Contact Analysis and Binding Site Topography"
		Morea et al., 1998, <i>J. Mol. Biol.</i> , 275:269-294 "Conformations of the Third Hypervariable Region in the VH Domain of Immunoglobulins"
		Padlan, E. A., 1994, <i>Molecular Immunology</i> , 31(3):169-217 "REVIEW - Anatomy of the Antibody Molecule"
		Padlan, E. A., 1997, <i>Molecular Immunology</i> , 34(11):765-770 "Does Base Composition Help Predispose the Complementarity-Determining Regions of Antibodies to Hypermutation?"
		Padlan et al., 1995, <i>The FASEB Journal</i> , 9:133-139 "Identification of specificity-determining residues in antibodies"
		Paul, W. E., ed., 1993, <i>Fundamental Immunology</i> , 3 rd ed., Raven Press: New York, Ch. 9, pp. 292-295 "Structure and Function of Immunoglobulins"

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		Pini et al., 1998, <i>J. Biol. Chem.</i> , 273(34):21769-21776 "Design and Use of a Phage Display Library"
		Presta, L., 1992, <i>Current Opinion in Structural Biology</i> , 2:593-596 "Antibody engineering"
		Randen et al., 1993, <i>Eur. J. Immunol.</i> , 23:2682-2686 "Complementarity-determining region 2 is implicated in the binding of staphylococcal protein A to human immunoglobulin V _H III variable regions"
		Riechmann et al., 1988, <i>Nature</i> , 332:323-327 "Reshaping human antibodies for therapy"
		Rudikoff et al., 1982, <i>Proc. Natl. Acad. Sci. USA</i> , 79:1979-1983 "Single amino acid substitution altering antigen-binding specificity"
		Stewart et al., 1997, <i>Molecular Immunology</i> , 34(15):1067-1082 "A Shannon Entropy Analysis of Immunoglobulin and T Cell Receptor"
		Vaswani, S. and Hamilton, 1998, <i>Annals of Allergy, Asthma, & Immunology</i> , 81:105-119 "Humanized antibodies as potential therapeutic drugs"
		Verhoeyen et al., 1988, <i>Science</i> , 239:1534-1536 "Reshaping Human Antibodies: Grafting an Antilysozyme Activity"
		Weiss et al., 2000, <i>Protein Science</i> , 9:647-654 "Mutational analysis of the major coat protein of M13 identifies residues that control protein display"
		Wilson et al., 2000, <i>J. Exp. Med.</i> , 191(11):1881-1894 "Receptor Revision of Immunoglobulin Heavy Chain Variable Region Genes in Normal Human B Lymphocytes"
		Wu et al., 1998, <i>Proc. Natl. Acad. Sci. USA</i> , 95:6037-6042 "Stepwise <i>in vitro</i> affinity maturation of Vitaxin, an $\alpha\beta$ -specific humanized mAb"
		Wu et al., 1999, <i>J. Mol. Biol.</i> , 294:151-162 "Humanization of a Murine Monoclonal Antibody by Simultaneous Optimization of Framework and CDR Residues"
		Supplementary European Search Report dated May 13, 2008
		05/29/2008 <i>Science Direct</i> online pages regarding publication of: Radley et al., 2003, <i>J. Mol. Biol.</i> , 332(3):529-758 "Allosteric Switching by Mutually Exclusive Folding of Protein Domains"

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PATENT TRADEMARK OFFICE

EXAMINER /Christopher Gross/ (08/14/2008)	DATE CONSIDERED
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